

## **REMARKS**

The applicants have studied the Office Action dated December 22, 2006, and have amended the claims. By virtue of this amendment, claims 16, 32, and 35-36 are now pending, claims 16 and 32 have been amended, claims 33 and 34 have been canceled, and claims 35 and 36 have been added. It is submitted that the application is in condition for allowance by virtue of this amendment. Reconsideration and allowance of all of the claims in view of the following amendment and remarks is respectfully requested.

The applicants would like to thank the Examiner for finding the subject matter of claims 33 and 34 allowable if rewritten in independent form. The limitations from claims 33 and 34 have been incorporated into independent claims 16 and 32.

The only additional amendment to claims 16 and 32 is placing the limitation regarding the bilinear nature of the PID controller in dependent claims 35 and 36. Support for the claims can be found throughout the specification, while the bilinear aspect is only mentioned later on page 38 of the specification. The applicants respectfully submit that allowance did not depend on this limitation. No new matter was added.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at the Northridge, California, telephone number (818) 576-4110, to discuss the steps necessary for placing the application in condition for allowance.

Respectfully submitted,

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